What is claimed is:

1. A method of transmitting data frames over a data network, comprising sending said data frames from a transmitter to a receiver with an Inter Frame Space (IFS) time, wherein said IFS does not include a time (T2) that said transmitter needs to change from a receiver state to a transmitter state.

2. The method of claim 1, wherein said IFS only includes a time (T1) needed for said transmitter to detect ending of a frame and beginning of a next frame.

3. The method of claim 2, wherein said transmitter is a non-QSTA (non QoS Enhanced Station) or a QAP (QoS Enhanced Access Point).

4. The method of claim 1, wherein said transmitter is not required to receive an ACK from said receiver before said transmitter sends out a next data frame.

5. The method of claim 1, wherein said transmitter only receives a block ACK which acknowledges plural of said data frames.

6. The method of claim 1, wherein said data network is a wireless data network using IEEE 802.11 protocol.

7. The method of claim 6, wherein said IEEE 802.11 is amended by IEEE 802.11e draft standard.

8. A method for a transmitter to send data frames to a receiver over a data network, wherein said transmitter sends said data frames with a time space (IFS) between transmission of two sequential data frames, wherein said time space (IFS) only comprises a time (T1) for said transmitter to process each of said data frames.

9. The method of claim 8, wherein said processing comprising detecting an end of a data frame and a start of a next data frame.

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10. The method of claim 8, wherein said time space does not include a time (T2) that said transmitter needs change from a receiver state to a transmitter state.

11. The method of claim 8, wherein said transmitter is a non-QSTA (non QoS Enhanced Station) or a QAP (QoS Enhanced Access Point).

5   12. The method of claim 8, wherein said transmitter is not required to receive an ACK from said receiver before said transmitter sends out a next data frame.

13. The method of claim 8, wherein said transmitter only receives a block ACK which acknowledges plural of said data frames.

14. The method of claim 8, wherein said data network is a wireless data network

10   using IEEE 802.11 protocol.

15. The method of claim 14, wherein said IEEE 802.11 is amended by IEEE 802.11e draft standard.

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